

ABSTRACT OF THE DISCLOSURE

A carbon nanocapsule thin film and the preparation method thereof. A plurality of carbon nanocapsules are electroplated on a substrate, and the carbon nanocapsule 5 thin film is thereby formed. By electroplating purified carbon nanocapsules on the substrate, the carbon nanocapsule thin film, electric- and heat-conductive, chemical- resistive, and anti-oxidizing, is formed.